Amendment to the Claims

In the Claims:

Please amend Claims 1, 4, 5, 12, 14, 17, and 21-26, and cancel Claims 3, 9, 13 and 18, as follows:

1. (Currently Amended) A method for localizing objects on a client computer in a markup language document so that when the markup language document is rendered by a browser running on the client computer, the objects are rendered to convey content in a specified language, comprising the steps of:

(a) including a plurality of ~~descriptive~~ placeholder references in the markup language document in JavaScript code referencing text, graphic, and/or media objects that are to include content in the specified language when the markup language document is rendered;

(b) providing a set of localized objects on the client computer in the specified language, each localized object of the set being associated with a corresponding text, graphic, and/or media object potentially referenced in the markup language document;

(c) retrieving localized objects corresponding with the placeholder references in the markup language document from the set of localized objects stored on the client computer; and

(d) ~~(c)~~ inserting the localized objects corresponding with the placeholder references into the markup language document ~~based on the plurality of descriptive references~~, such that when the markup language document is rendered, the text, graphic, and/or media objects referenced in the markup language document are rendered to convey content in the specified language.

2. (Original) The method of Claim 1, further comprising the step of enabling a user to select the specified language from a list of languages.

3. (Cancelled)

4. (Currently Amended) The method of Claim 1 ~~3~~, wherein ~~the file includes~~ a plurality of sets of localized objects in different languages are provided, and wherein the step of ~~providing~~ retrieving ~~the set of~~ localized objects corresponding with the placeholder references in the markup

language document comprises the step of extracting an appropriate set of localized objects from an ~~the file, said~~ appropriate set of localized objects corresponding to the specified language.

5. (Currently Amended) The method of Claim 4, wherein the file comprises a dynamic link library, further comprising the steps of:

(a) passing indicia corresponding to the specified language to the dynamic link library; and

(b) automatically extracting ~~a~~ the appropriate set of localized objects corresponding to the specified language from the dynamic link library as a function of the indicia.

6. (Original) The method of Claim 1, wherein the localized objects corresponding to the text objects referenced in the markup language document comprise strings containing characters in the specified language.

7. (Original) The method of Claim 1, further including the step of creating reference data comprising a plurality of name-value pairs, each name-value pair comprising an object referenced in the markup language document and a corresponding localized object in the specified language.

8. (Original) The method of Claim 7, further comprising the step of parsing the reference data to retrieve the localized objects that are inserted into the markup language document, based on references included in the markup language document and the reference data.

9. (Cancelled)

10. (Previously Presented) The method of Claim 1, wherein at least one object in a rendered page corresponding to the markup language document comprises a composite graphic, the composite graphic including a plurality of elements including at least one of a graphics element and a text element located adjacent to each other such that the plurality of elements is associable as a single element, the composite graphic further including a global language-independent portion and a localized portion, further comprising the step of including a cascading style sheet declaration in the markup language document defining stylistic attributes to be applied to the localized portion when the markup language document is rendered by a browser that supports cascading style sheets, to produce the rendered page.

11. (Original) A computer-readable medium having computer-executable instructions for facilitating the steps recited in Claim 1.

12. (Currently Amended) A method for providing a user interface on a client computer that supports a plurality of different languages through a single set of markup language documents, said single set including one or more markup language documents, but not a different one or more markup language documents for each of the plurality of different languages, comprising the steps of:

(a) in each markup language document of the set, including a plurality of descriptive references in JavaScript code corresponding to respective text, graphic, and/or media objects that are to be rendered to convey content in accord with a specified language;

(b) providing a ~~separate~~ plurality of sets of localized objects on a client computer corresponding to each of the plurality of different languages, each set of localized objects comprising language-dependent objects potentially corresponding to the text, graphic, and/or media objects referenced in the set of markup language documents;

(c) enabling a user to select a specified ~~user interface~~ language from among the plurality of different languages; ~~and~~

(d) retrieving localized objects corresponding with the placeholder references in the markup language document from the set of localized objects stored on the client computer corresponding with the specified language; and

(e) automatically inserting the corresponding localized objects into each ~~markup language document in accord with the plurality of descriptive~~ to replace the placeholder references in ~~that~~ the markup language document such that when each markup language document is rendered, the text, graphic, and/or media objects referenced in the markup language document are rendered on the client computer to convey content in the user interface language selected by the user.

13. (Cancelled)

14. (Currently Amended) The method of Claim 12 ~~13~~, wherein the plurality of sets of localized objects ~~the file~~ comprises a dynamic link library, further comprising the steps of:

(a) passing indicia corresponding to the language selected by the user to the dynamic link library; and

(b) automatically extracting an appropriate set of localized objects corresponding to the specified language selected by the user from the dynamic link library.

15. (Original) The method of Claim 12, wherein the localized objects corresponding to the text objects referenced in the markup language documents comprise strings of characters corresponding to the specified language.

16. (Original) The method of Claim 12, further including the step of creating reference data comprising a plurality of name value pairs, each name value pair comprising an object referenced in the set of markup language documents and a corresponding localized object.

17. (Currently Amended) The method of Claim 16, further comprising the step of parsing said reference data to retrieve the localized objects that are inserted into the markup language documents based on placeholder references in the markup language documents and the reference data.

18. (Cancelled)

19. (Previously Presented) The method of Claim 11, wherein at least one object in a rendered page corresponding to one of the markup language documents comprises a composite graphic, the composite graphic including a plurality of elements including at least one of a graphics element and a text element located adjacent to each other such that the plurality of elements is associable as a single element, the composite graphic further including a global language-independent portion and a localized portion, further comprising the step of including a cascading style sheet declaration in the markup language document defining stylistic attributes to be applied to the localized portion when said one markup language document is rendered by a browser that supports cascading style sheets to produce the rendered page.

20. (Original) A computer-readable medium having computer-executable instructions for facilitating the steps recited in Claim 12.

21. (Currently Amended) A client system for implementing a user interface in an application program comprising at least one markup language document that includes a plurality of descriptive references in JavaScript code corresponding to text, graphic, and/or media objects that are to include

content in a specified language when the markup language document is rendered on the client system, said specified language comprising one of a plurality of different languages, comprising:

(a) a memory adapted to store data and machine instructions;

(b) a processor coupled to the memory, said processor controlling storage of data in the memory and executing the machine instructions to implement a plurality of functions;

(c) a persistent storage device, coupled to the processor and the memory, on which is stored a set of localized objects in the specified language, the localized objects being associated with text, graphic, and/or media objects referenced in said at least one markup language document; and

(d) a display on which graphics and text employed in the user interface are rendered in accord with the machine instructions, said display being controlled by the processor, said plurality of functions implemented by the processor including:

(i) including a plurality of placeholder references in the markup language document in JavaScript code referencing text, graphic, and/or media objects that are to include content in the specified language when the markup language document is rendered;

(ii) providing a set of localized objects in the specified language one of in the memory and on the persistent storage device, each localized object of the set being associated with a corresponding text, graphic, and/or media object potentially referenced in the markup language document; and

(iii) retrieving localized objects corresponding with the placeholder references in the markup language document from the set of localized objects; and

(iv) inserting localized objects into the ~~each of said~~ ~~at least one~~ markup language document ~~that are identified based on~~ corresponding with the ~~plurality of~~ placeholder ~~descriptive~~ references in ~~each of said~~ the at least one markup language document such that when ~~each of said~~ the at least one markup language document is rendered, the text, graphic, and/or media objects referenced in ~~that~~ the at least one markup language document are rendered in the specified language.

22. (Currently Amended) The client system of Claim 21, wherein said at least one markup language document is downloaded to the memory from a computer network.

23. (Currently Amended) The client system of Claim 21, wherein the application program user interface is adapted to support a plurality of different languages and the persistent storage medium further includes a corresponding plurality of separate sets of localized objects, each set of localized objects corresponding to a different one of the plurality of different languages, each set of localized objects comprising language-dependent objects corresponding to text, graphic, and/or media objects referenced in said at least one markup language document.

24. (Currently Amended) The client system of Claim 23, wherein the sets of localized objects are stored in a dynamic link library, and the processor further implements the functions of:

(a) enabling a user to select the specified language from the plurality of different languages;

(b) passing indicia corresponding to the language selected by the user to the dynamic link library; and

(c) automatically extracting an appropriate set of localized objects corresponding to the language selected by the user from the dynamic link library as a function of the indicia and inserting objects from among the set of localized objects that is extracted into said at least one markup language document before said at least one markup language document is rendered so as to present content in a rendered page in accord with the language selected by the user.

25. (Currently Amended) The client system of Claim 21, wherein the localized objects corresponding to the text objects referenced in said at least one markup language document comprise strings containing characters corresponding to the specified language.

26. (Currently Amended) The client system of Claim 21, wherein the functions implemented by the processor further include enabling a user to select the specified language from the plurality of different languages.